<Motorcycle driving school>

Version <1.0>

Revision History

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# Introduction

A vision document defines the high-level scope and purpose of a program, product, or project. A clear statement of the problem, proposed solution, and the high-level features of a product helps establish expectations and reduce risks. A Vision Document is a document that describes a compelling idea, project or other future state for a particular organization, product or service. The Vision defines the product/service to be developed specified in terms of the stakeholder's key needs and desired features.

In this project we tend to develop a web application that would manage a driving school management system.

Project description:

“Lately I do have a passion for motorcycles and therefore I want to take the driving class. So, I would like to make a web-site that will keep track of students, trainers, motorcicles and their state, who took the exam(theoretical and practical), have the possibility to take a sample theoretical test and so on.”

## Purpose

The Vision document provides a high-level executive summary for a project or other undertaking. For software development, for example, a Vision captures the essence of the envisioned solution in the form of high-level requirements and design constraints that provide stakeholders an overview of the system to be developed from a [behavioral requirements](https://en.wikipedia.org/wiki/Functional_requirement) perspective.

The purpose of this document is to familiarize the owner with the capabilities of the project, to inform what necessities are required, to inform about the different type of users and what they have and have not acces to.

## Scope

This vision document is related to the Driving School Management System and represents the overall of the system, it’s users, it’s owners and it’s capabilities and methods to improve.

## Definitions, Acronyms, and Abbreviations

All the necessary definitions, achronyms and abbrevations are referenced in project Glossary.

## References

<https://en.wikipedia.org/wiki/Vision_document>

<http://www.businessdictionary.com/definition/stakeholder.html>

## Overview

The next part defines the expected users and stakeholders of the system.

# Positioning

## Problem Statement

[Provide a statement summarizing the problem being solved by this project. The following format may be used:]

|  |  |
| --- | --- |
| The problem of | Easy manage of a driving school |
| affects | The people who want to lean to drive and the trainers licensed in doing that |
| the impact of which is | A lot of time lost on paperwork and useless trips to the driving school center. |
| a successful solution would be | To create a easy to use web application that will manage the data quick and on-time. |

## Product Position Statement

[Provide an overall statement summarizing, at the highest level, the unique position the product intends to fill in the marketplace. The following format may be used:]

|  |  |
| --- | --- |
| For | Simple users and trainers |
| Who | The people who do not have time to go around and stay at lines. |
| The (product name) | is a Web Application |
| That | Save time and easy to manage from anywhere |
| Unlike | I believe there are local application that implements this, but not a web one. |
| Our product | Easy to use and simple. Free. |

# Stakeholder and User Descriptions

The Application has two types of users:

Trainee: the common user

Trainer: has extended abilities

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Owner of the driving school.  Employees | A person, group or organization that has interest or concern in an organization.  Stakeholders can affect or be affected by the organization's actions, objectives and policies. | ensures that the system will be maintainable  monitors the project’s progress  approves funding |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Trainee | The most common user, no special abilities. | Manage it’s own data. Register to new course.  Take an exam.  See when the course will start. | The owner of the driving school. |
| Trainer | A special ser that can manage and modify the data. Has extended capabilities. | Manage Courses  Manages data  Manages vehicles. | The owner of the driving school. |

## User Environment

The environment used varies, as the application is a Web one, it can be accesed from anywhere a internet connection exists. In future developments we can make a special version for mobile use, in order to be easier to use. The application does not require special training from the user. It is intended to be used by both the trainees and the trainers, delimitating the capabilities by type of user.

# Product Requirements

The application requires a powerfull enough computer in order to run the server and the application. It is needed to be run SpringToolSuite(STS) and a Postgresql server. The database creation script is present alongside the project.